

ABSTRACT OF THE DISCLOSURE

5 A cell search control method, a mobile station and
a mobile communications system can save consumption power
with maintaining high accuracy for selecting a base station.
The mobile station measures receiving quality (highest
received power and the like) of a currently captured perch
channel of a base station; automatically makes a decision
as to whether the mobile station is located at a cell
10 periphery in which the need for searching for a new perch
channel is great, or located in neighborhood of a base
station in which the need is little; and increases the
frequency of the search at a location where the need is
great and decreases it at a location where the need is
15 little.